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IMAGERY  
ANALYSIS  
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

PETROVSKIY SHIPYARD NO 5

LENINGRAD, USSR

Declass Review by  
NIMA/DOD



25X

CA/PIR -65047

DATE OCTOBER 1965

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PAGES 5

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GROUP 1  
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**PETROVSKIY SHIPYARD NO 5, Leningrad, USSR**

Petrovskiy Shipyard No 5 (BE designation: Leningrad Shipyard Petrovskiy, [REDACTED]) is located in the northwest section of Leningrad, USSR, on the southern shore of Ostrov Petrovskiy, an island in the mouth of the Neva River, at 59-57-40N 30-15-15E (Figures 1 and 2).

The Petrovskiy Shipyard is a small facility which produces both Osa-class large guided-missile patrol boats (PTFG) and Komar-class small guided-missile patrol boats (PTG). Two construction halls are present at the shipyard (items 13 and 23, Figure 3 and Table 1). The

doors of both halls open on a long transverser (item 17), which has a length of 1,070 feet and a minimum lateral clearance of 155 feet. The Osa-class boats appear to be built in the narrow construction hall (item 13), placed on the transverser, and launched in the small basin (item 7). The Komar-class boats are probably built in the 6-door construction hall (item 23), run onto the transverser, and either lifted into the water by the ship lift in front of the hall (item 22, Figure 3; Figure 4) or launched into the small basin. The length of the con-

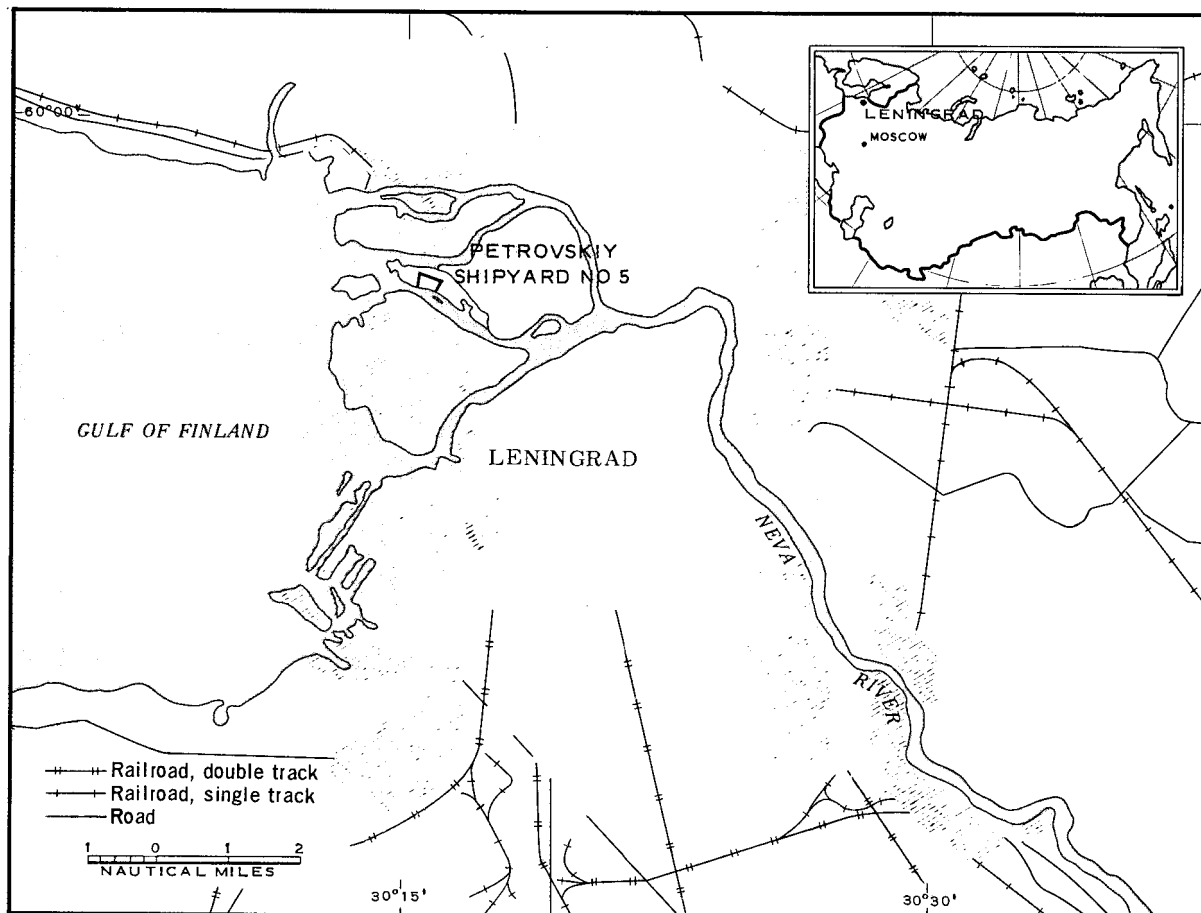


FIGURE 1. LOCATION MAP.

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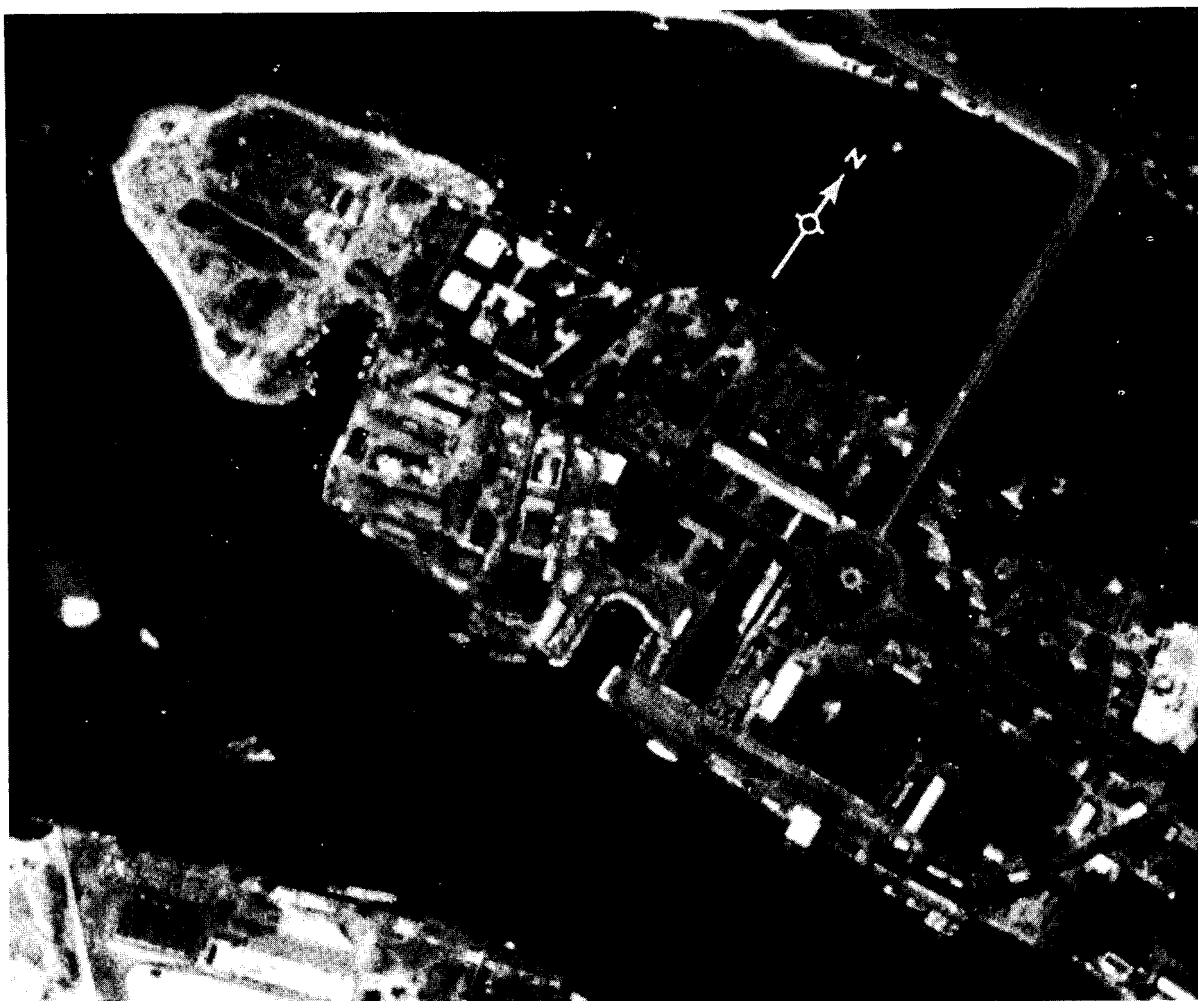


FIGURE 2. PETROVSKIY SHIPYARD NO 5, [REDACTED] [REDACTED]

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struction halls suggests that an assembly-line method of construction may be used.

In addition to construction, the repair and modernization of Osa-and Komar-class boats is probably a function of the Petrovskiy Shipyard. The ship lift is probably capable of lifting the Komar-class boats onto the quay.

Figure 5 shows the probable light machine shops completed in late 1962 or early 1963. These shops (items 28 and 29, Figure 3) are located in the southeastern part of the shipyard along the fitting-out quay (item 18).

Significant changes since 1956 at the Petrovskiy Shipyard include the construction of the launching basin and the 2 probable light machine shops shown in Figure 5, and modification of the 6-door construction hall (item 23, Figure 3; Figure 4). A comparison of aerial photography of 1956 and 1964 shows that the roof of the construction hall was completely rebuilt during that period, suggesting that the entire building may have been modernized or altered. No photographic evidence suggests any change in the function of the narrow construction hall (item 13) since 1956.

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Table 1. Description of Facilities at Petrovskiy Shipyard No 5 (Item numbers are keyed to Figure 3)

Item	Description	Dimensions (ft)	Item	Description	Dimensions (ft)
1	Probable storage bldg	65 x 30	22	Ship lift	110 x 90 x 60h
2	Open storage area	--	23	6-door construction hall	275 x 260
3	Possible lumber storage/processing bldg	115 x 75	A		325 x 100
4	Possible lumber storage/processing bldg	90 x 75	B		Irregular
5	Probable storage bldg	75 x 35	24	Probable pattern shop	--
6	Probable storage bldg	145 x 45	25	Open storage area	50 x 30
7	Launching basin	315 x 175 (overall)	26	Possible winch house	--
8	Probable storage bldg	70 x 45	27	Slipway	100 x 50
9	Probable storage bldg	100 x 50	28	Probable light machine shop	190 x 50
10	Probable workshop	135 x 65	29	Probable light machine shop	140 x 35
11	Steamplant	105 x 95	30	Probable workshop	240 x 135
12	Open storage area	--	31	Probable fabrication/heavy machine shop, L-shaped	175 x 110
13	Narrow construction hall	550 x 130	32	Probable workshop	75 x 45
14	Admin bldg, T-shaped	bar: 195 x 45 stem: 165 x 55	33	Probable fabrication/heavy machine shop	315 x 150
15	Side launching way	145 x 100	34	Probable forge/foundry, L-shaped	120 x 90
16	Open fitting-out area	--	35	Probable forge/foundry	95 x 50
17	Transverser	1,070 (length only)	36	Probable storage bldg	145 x 55
18	Fitting-out quay	1,500 (length only)	37	Probable storage bldg	145 x 65
19	Probable light machine shop	200 x 60	38	Probable storage bldg	85 x 70
20	Probable light machine shop	285 x 70 (overall)			105 x 45
21	Probable workshop	100 x 30			

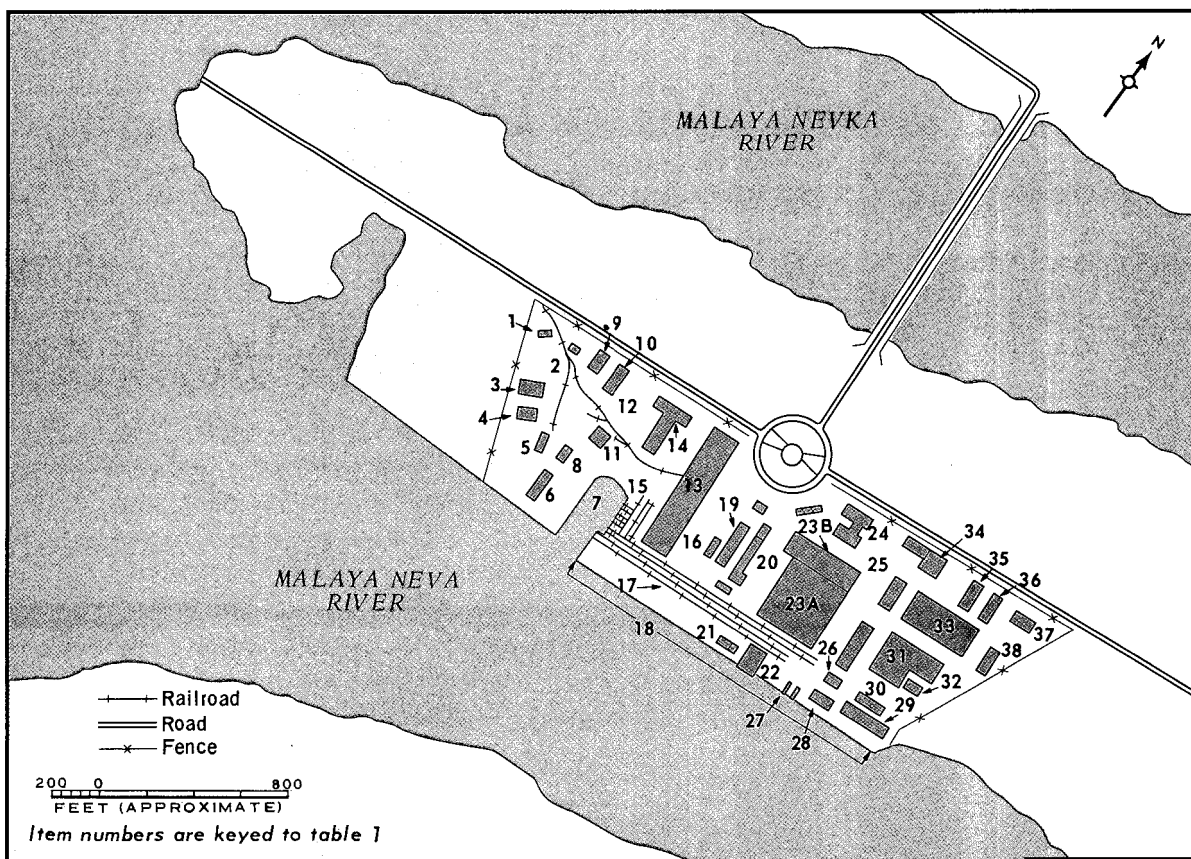


FIGURE 3. LAYOUT OF SHIPYARD.

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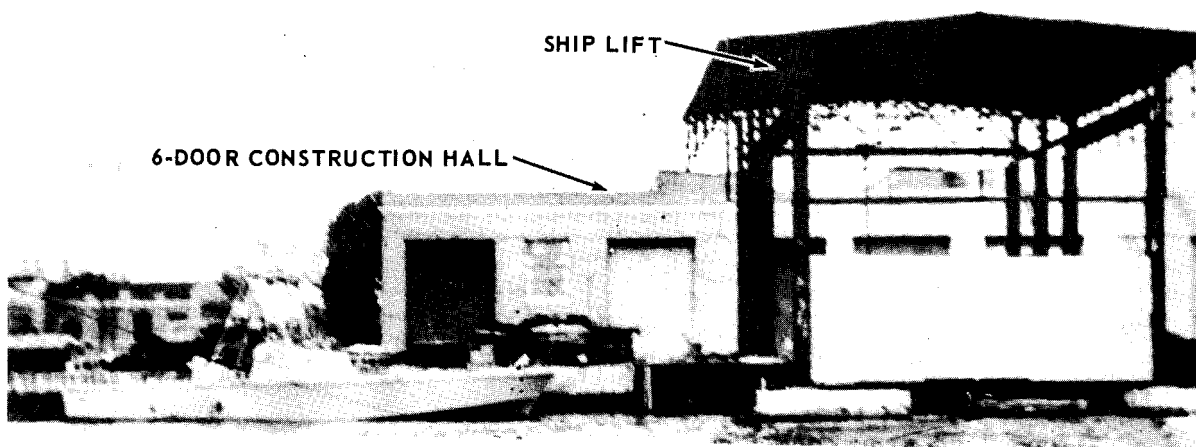


FIGURE 4. SIX-DOOR CONSTRUCTION HALL AND SHIP LIFT,

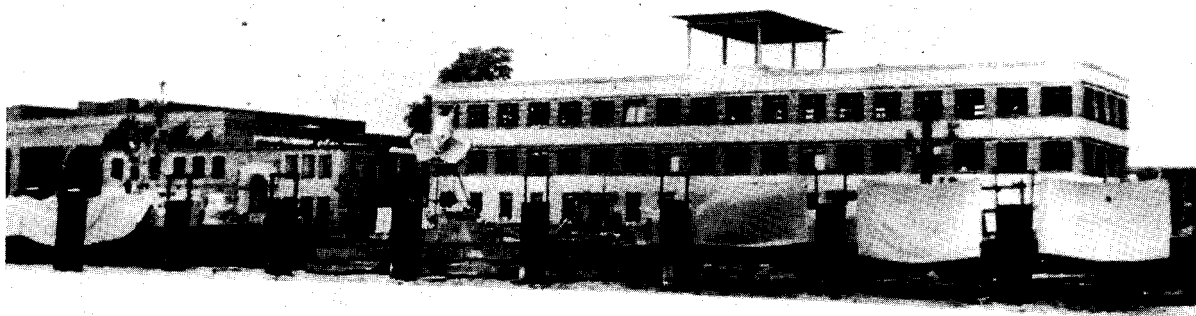


FIGURE 5. PROBABLE LIGHT MACHINE SHOPS,

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CHART

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REQUIREMENT

CIA. C-RR4-82,050

PROJECT

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